

FEEDTHROUGH AND COMMON GROUND FOR ELECTRICAL CABLES

Abstract

A common ground assembly for a plurality of electrical cables with a ground strap having a plurality of cable retaining portions adapted to receive and contact the outer conductor of each electrical cable. Inwardly projecting lip edges may be formed in the cable retaining portions to retain each electrical cable within a cable retaining portion. The ground strap may be electrically isolated from surrounding structure by a support insulator and a retaining insulator with cable retaining portions adapted to further urge each outer conductor into electrical contact with a cable retaining portion. If integrated with a feedthrough in the form of a base plate with an aperture, a flange of the baseplate may support the support insulator and a fastening plate may be used to compress the retaining insulator towards the ground strap, the fastening plate dimensioned to cover the aperture.